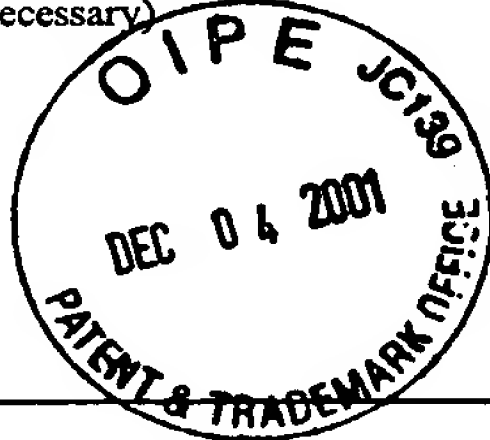


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				Application Number	09/807,802	
				Filing Date	April 17, 2001	
				First Named Inventor	James M. Wilson et al	
				Group Art Unit		
				Examiner Name		
Sheet	1	of	7	Attorney Docket Number		GNVPN.031USA



U.S. PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
BW	AA	5,871,982	B1	J. Wilson	02/16/1999	class subclass 435 172.3
	AB	6,258,595	B1	G. Gao	07/10/2001	435 320.1
	AC	6,274,354	B1	J. Wilson	08/14/2001	435 91.42
BW	AD	6,251,677	B1	J. Wilson	06/26/2001	435 457

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
BW	AL	WO	WO98/11244	A2	J. Chiorini	03/19/1998		
	AM	WO	WO96/13598	A2	J. Wilson	05/09/1996		
	AN	WO	WO98/10088	A1	J. Wilson	03/12/1998		
	AO	WO	WO98/10086	A1	J. Wilson	03/12/1998		
	AP	WO	WO99/15677	A1	J. Wilson	04/01/1999		
BW	AQ	WO	WO99/14354	A1	J. Wilson	03/25/1999		

Examiner Signature	<i>Brian A. Wilson</i>	Date Considered	8/4/03
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BV	AAL	WO	WO99/15685	A1	J. Wilson	04/01/1999		
	AAM	WO	WO99/47691	A1	G. Gao	09/23/1999		
	AAN	WO	WO00/55342	A1	G. Gao	09/21/2000		
	AAO	WO	WO00/75353	A1	W. Xiao	12/14/2000		
	AAP	WO	WO01/23597	A2	G. Gao	04/05/2001		
BV	AAQ	WO	WO01/23001	A2	M. Croyle	04/05/2001		

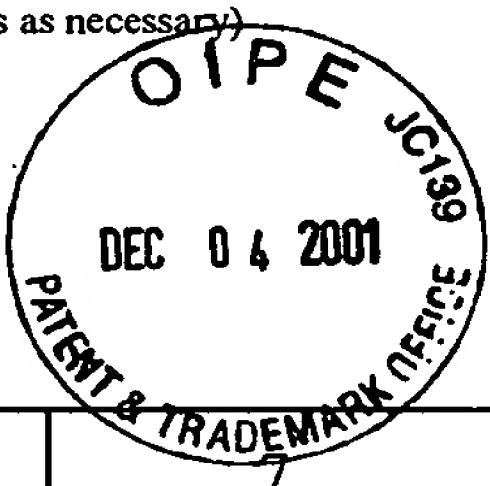
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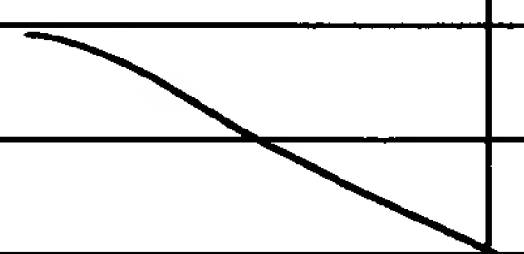
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
BL	BL	WO	WO01/83692	A2	M. Hildinger	11/08/2001		
BM	BM	WO	WO01/40455	A2	G. Gao	06/07/2001		

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BV	AR	E. RUTLEDGE et al, "Infectious Clones and Vectors Derived from Adeno-Associated Virus (AAV) Serotypes Other Than AAV Type 2", Journal of Virology, 72(1):309-319 (January, 1998)		
	AS	W. XIAO et al, "Gene Therapy Vectors Based on Adeno-Associated Virus Type 1", Journal of Virology, 73(5):3994-4003 (May, 1999)		
	AT	H. CHAO et al, "Several Log Increase in Therapeutic Transgene Delivery by Distinct Adeno-Associated Viral Serotype Vectors", Molecular Therapy, 2(6):619-623 (December, 2000)		
	AU	R. KOTIN et al, "Site-Specific integration by Adeno-Associated Virus", Proc. Natl. Acad. Sci. USA, 87:2211-2215 (March, 1990)		
	AV	K. FISHER et al, "Recombinant Adeno-Associated Virus for Muscle Directed Gene Therapy", Nature Medicine, 3(3):306-312 (March, 1997)		
	AW	X. XIAO et al, "Efficient Long-Term Gene Transfer into Muscle Tissue of Immunocompetent Mice by Adeno-Associated Virus Vector", Journal of Virology, 70(11):8098-8108 (November, 1996)		
	AX	R. SNYDER et al, "Persistent and Therapeutic Concentrations of Human Factor IX in Mice After Hepatic Gene Transfer of Recombinant AAV Vectors", Nature Genetics, 16:270-276 (July, 1997)		
BV	AY	N. MUZYCZKA, "Use of Adeno-Associated Virus as a General Transduction Vector for Mamalian Cells", Current Topics in Microbiology and Immunology, 158:97-129 (1992)		

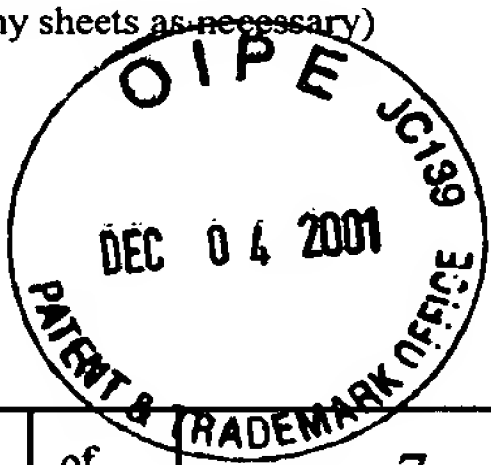
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DL	AZ	R. SAMULSKI et al, "Targeted Integration of Adeno-Associated Virus (AAV) into Human Chromosome 19", EMBO Journal, 10(12):3941-3950 (December, 1991)	
	AAR	K. BERNIS, "Parvoviridae: the Viruses and their Replication, in B. N. Fields et al, Fields Virology, 3 <sup>rd</sup> ed., Vol. 2, Chapter 69, pp. 2173-2197 (Lippincott-Raven Publishers, Philadelphia, PA) (1996)	
	AAS	R. SNYDER et al, "Features of the Adeno-Associated Virus Origin Involved in Substrate Recognition by the Viral Rep Protein", Journal of Virology, 67(10):6096-6104 (October, 1993)	
	AAT	K. BERNIS, "Parvovirus Replication", Microbiological Reviews, 54(3):316-329 (September, 1990)	
	AAU	R. SAMULSKI et al, "Cloning of Adeno-Associated Virus into pBR322: Rescue of Intact Virus from the Recombinant Plasmid in Human Cells", Proc. Natl. Acad. Sci. USA, 79:2077-2081 (March, 1982)	
	AAV	J. CHIORINI et al, "Cloning of Adeno-Associated Virus Type 4 (AAV4) and Generation of Recombinant AAV4 Particles", Journal of Virology, 71(9):6823-6833 (September, 1997)	
BL	AAW	S. MURAMATSU et al, "Nucleotide Sequencing and Generation of an Infectious Clone of Adeno-Associated Virus 3", Virology, 221:208-217 (1996)	

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BW	AAX	C. BALAGUÉ et al, "Adeno-Associated Virus Rep78 Protein and Terminal Repeats Enhance Integration of DNA Sequences into the Cellular Genome", Journal of Virology, 71(4):3299-3306 (April, 1997)		
	AAY	R. SUROSKY et al, "Adeno-Associated Virus Rep Proteins Target DNA Sequences to a Unique Locus in the Human Genome", Journal of Virology, 71(10):7951-7959 (October, 1997)		
BW	AAZ	X. XIAO et al, "Gene Transfer by Adeno-Associated Virus Vectors into the Central Nervous System", Experimental Neurology, 144:113-124 (1997)		
	<del>BR</del>	<del>I. WILSON et al, "Hybrid Adenovirus-AAV Vector and Methods of Use Thereof", U. S. Patent Application No. 09/546,738, filed April 11, 2000</del>		
	<del>BS</del>	<del>J. WILSON et al, "Inducible Method for Production of Recombinant Adeno-Associated Viruses Utilizing T7 Polymerase", U. S. Patent Application No. 09/242,742, filed February 22, 1999</del>		
	<del>BT</del>	<del>J. WILSON et al, "Method for Gene Transfer Using BCL2 and Compositions Useful Therein", U. S. Patent Application No. 09/528,427, filed March 17, 2000</del>		
	<del>BU</del>	<del>J. WILSON et al, "Methods and Vector Constructs Useful for Production of Recombinant AAV", U. S. Patent Application No. 09/528,470, filed March 17, 2000</del>		
	<del>BV</del>	<del>G. GAO et al, "Methods and Cell Line Useful for Production of Recombinant Adeno-Associated Viruses, U. S. Patent Application No. 09/528,017, filed March 17, 2000</del>		

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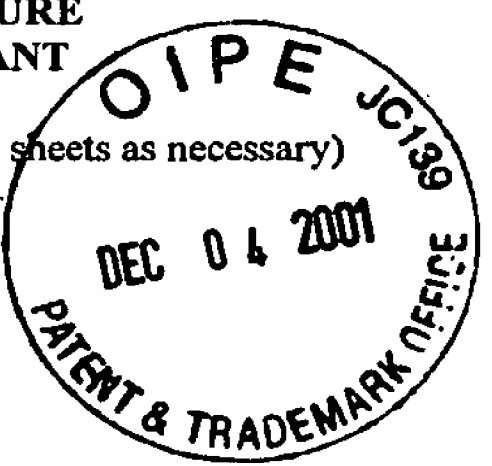
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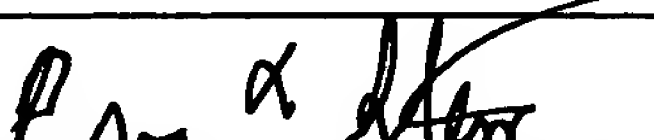


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	BW	G. GAO et al, "Compositions and Methods for Helper-Free Production of Recombinant Adeno-Associated Viruses", U. S. Patent Application No. 09/665,852, filed September 20, 2000	
	<del>BX</del>	<del>G. GAO et al, "Cell Lines and Constructs Useful in Production of E1-Deleted Adenoviruses in Absence of Replication Competent Adenovirus", U. S. Patent Application No. 09/659,203, filed September 11, 2000</del>	
	BY	M. CROYLE et al, "Methods for Rapid PEG-Modification of Viral Vectors, Compositions for Enhanced Gene Transduction, Compositions with Enhanced Physical Stability, and Uses Therefor", U. S. Patent Application No. 09/670,277, filed September 27, 2000	
	BZ	J. WILSON et al, "Regulatable Gene Expression System", U. S. Provisional Patent Application No. 60/262,938, filed January 19, 2001	

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